

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM171054-01)

**Release Date:** 16/06/2025

**Re-test Date:** 15/06/2028

## **N-NITROSO PYRIDINE DIONE COMPOUND**

### **Identification**

**Chemical Name :**

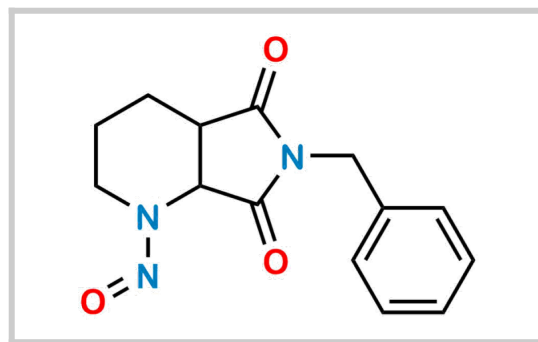
6-Benzyl-1-nitrosohexahydro-5H-pyrrolo[3,4-b]pyridine-5,7(6H)-dione

**CAT No.** : KMM171054

**CAS No.** : Not Available

**Molecular Formula** : C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>

**Molecular Weight** : 273.3



### **Analytical Information**

**Batch No.** : M171054-102-081

**Description** : Light Brown Thick Syrup

**HPLC Purity** : 99.65 %

**Weight Loss By TGA** : 1.00 %

**% Potency** : 98.65 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 1.00(Weight Loss By TGA)] x [99.65(HPLC Purity)]/100 = 98.65 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		16/06/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA